

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:1635

ANSWERED ON:25.07.2002

POWER REQUIREMENT FOR NEXT YEARS

AVSM, BRIG.(RETD.) KAMAKHYA PRASAD SINGH DEO;PRAKASH V. PATIL

Will the Minister of POWER be pleased to state:

- (a) whether the Government have made any assessment of power requirements in the country for the next 10-20 years;
- (b) if so, the details thereof, State-wise;
- (c) whether the power situation in the country is likely to be worst in the next 10-20 years time; and
- (d) the action proposed by the Government to tackle the worsening power situation?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER(SHRIMATI JAYAWANTI MEHTA)

(a) to (d) : The 16th Electric Power Survey (EPS) was constituted by the Central Electricity Authority in March, 1998 to estimate the electricity demand upto 2004-05 and also for the perspective period i.e. upto 2016-17. The Survey has estimated the all India energy requirement and peak demand for the year 2011-12 as under :

Energy Requirement	975 BUs
Peak Load	1,57,107 MW

A Statement containing details of State-wise energy requirements and peak demand for 2011-12 is annexed.

In order to provide 'power to all by 2012', the Central Electricity Authority (CEA) has estimated the requirement of an additional capacity of about 1,00,000 MW. For the 10th Five Year Plan, a capacity addition target of approximately 41,000 MW has been fixed. In addition to this, about 3000 MW is likely to come from renewable.

The strategy of power sector reforms focusing on distribution combined with a step-up in public sector investment in generation in the 10th Plan aims at a qualitative transformation of the power sector. To address the problem of poor sub-transmission and distribution systems, the Accelerated Power Development and Reform Programme (APDRP) has been launched with a budget provision of Rs.3500 crore in 2002-03 for financing specific projects in distribution circles and for providing grants for bridging the gap between the cost and the revenue per unit.

In addition, priority is being given to :

- ? Improvement of Plant Load Factor (PLF) of the existing power stations.
- ? Renovation and Modernisation of old thermal and hydro stations.
- ? Increasing the capacity for inter-regional transfer of power through the National Grid.
- ? Energy Conservation and Demand Side Management.

ANNEXE

ANNEXE REFERRED TO IN REPLY TO PARTS (a) to (d) OF UNSTARRED QUESTION NO. 1635 TO BE ANSWERED IN LC SABHA ON 25.07.2002.

State-wise energy requirements and peak demand for 2011-12.

Name of State	Energy Requirement (MU)	Peak Demand (MW)
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Haryana	37801	7192	
Himachal Pradesh	7118	1354	
Jammu & Kashmir	12125	2563	
Punjab	58661	10801	
Rajasthan	56133	9423	
Uttar Pradesh	99631	16019	
Chandigarh	3347	637	
Delhi	33712	5659	
Goa	2786	448	
Gujarat	81615	14031	
Madhya Pradesh	68578	11346	
Maharashtra	142911	22348	
D & N Haveli	1779	299	
Daman & Diu	1406	226	
Andhra Pradesh	93289	15213	
Karnataka	60478	10460	
Kerala	34231	6406	
Tamil Nadu	70769	11411	
Pondicherry	3951	673	
Bihar(excluding DVC)	15814	3072	
DVC	13365	2461	
Orissa	23376	3867	
Sikkim	312	81	
West Bengal			

(excluding DVC)	37529	6966	
Arunachal Pradesh	423	136	
Assam	7604	1423	
Manipur	1672	406	
Meghalaya	1410	239	
Mizoram	838	217	
Nagaland	555	141	
Tripura	1559	396	
Andaman and Nicobar	374	77	
Lakshadweep	70	17	